



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 12/17/02

AGENDA ITEM 3

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Authorization for Execution of a Professional Services Agreement to Update City Traffic Model

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolutions that:

1. Authorize the City Manager to execute a Professional Services Agreement with Hexagon Transportation Consultants, in an amount not to exceed \$75,000, to update the City's traffic model; and
2. Authorize the appropriation of \$80,000 in the Capital Improvement Fund for a new Traffic Model Update project.

DISCUSSION:

The City's traffic model was originally validated in 1993 and was last updated by the City in 1997 for use in updating the traffic circulation element of the General Plan. Since its creation, various major transportation improvements and major developments have utilized the model for traffic analysis. Caltrans has used versions of the City's traffic model to analyze the Route 238 Bypass, 880/92 Interchange, and I-238 widening projects because it is more detailed than the countywide model. For comparison purposes, the recent consensus group utilized the Route 238 Bypass version of the City's model as modified by Caltrans. The City has also used the model for transportation studies associated with major development projects such as Walpert Ridge and Eden Shores Business Park.

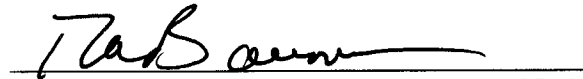
However, updating the model with the latest land-use and trip-distribution information is expensive and requires intensive staff effort. Thus, staff has not updated or revalidated the model since 1997 and instead has been able to utilize the latest version of the Alameda County Congestion Management Agencies countywide model for some recent requirements. Unfortunately, the countywide model lacks detail and is only valid for major regional roadways. Now that staff will be working on two major City transportation projects, the Industrial Assessment District Study Report, which is underway, and the route 238 Alternative Project, which Council discussed last week; it is apparent that in order to obtain sufficiently accurate traffic forecasts, an update of the City's traffic model is now essential.

Staff requested project schedules and cost proposals from two firms with experience in developing and using the City model - Parsons Transportation Group and Hexagon Transportation Consultants. Both consultants indicated the process would take about four months. Staff recommends the selection of Hexagon Transportation Consultants for this model work. There is virtually no difference between the cost proposals, however, Hexagon will use staff who originally developed the City model. It is, therefore, recommended that the City Council authorize the City Manager to execute a Professional Services Agreement with Hexagon Transportation Consultants in an amount not to exceed \$75,000. Since it is anticipated that this model update work will qualify for reimbursement by Alameda County Transportation Authority, a separate project will be established to better track costs.

FUNDING:

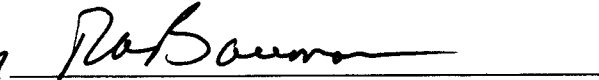
Total estimated cost for the work to update the City's traffic model is \$80,000. There are sufficient monies in the Capital Improvement Fund to appropriate \$80,000 to a new project to update the City's Traffic Model.

Prepared by:



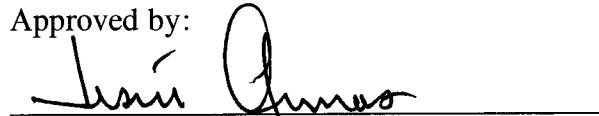
Robert A. Bauman, Deputy Director of Public Works

Recommended by:

For 

Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE CITY MANAGER
TO EXECUTE A PROFESSIONAL SERVICE
AGREEMENT BETWEEN THE CITY OF HAYWARD
AND HEXAGON TRANSPORTATION CONSULTANTS
FOR THE CITY'S TRAFFIC MODEL UPDATE
PROJECT, PROJECT NO. 6960

BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to negotiate and execute on behalf of the City of Hayward a professional services agreement with Hexagon Transportation Consultants for the City's Traffic Model Update Project, Project No. 6960, in an amount not to exceed \$75,000, in a form approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AMENDING RESOLUTION 02-084, AS
AMENDED, THE BUDGET RESOLUTION FOR FISCAL
YEAR 2002-03, RELATING TO AN APPROPRIATION OF
FUNDS FROM THE CAPITAL IMPROVEMENT FUND,
FUND 410 TO THE TRAFFIC MODEL UPDATE PROJECT,
PROJECT NO. 6960

BE IT RESOLVED by the City Council of the City of Hayward that Resolution
No. 02-084, as amended, the Budget Resolution for fiscal year 2002-03, is hereby further
amended by appropriating \$80,000 from the Capital Improvement Fund, Fund 410 to the
Traffic Model Update Project, Project No. 6960.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____

City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward